

Converting Colors

Yxy(45.9056, 0.4042, 0.3148)

Have a look what the booklet for
Yxy(45.9056, 0.4042, 0.3148)
contains.

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Color

Yxy(45.7530, 0.4046, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	FF96A4
RGB	255, 150, 164
RGB Percent	100%, 59%, 64%
CMY	0.0000, 0.4117, 0.3570
CMYK	0.00, 0.41, 0.36, 0.00
HSL	352°, 100%, 79%
HSV	352°, 41%, 100%
XYZ	58.8419, 45.7530, 40.8374
YIQ	182.9910, 58.0860, 26.6140

Conversions

Conversions Part 2

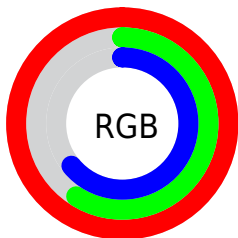
Format	Color
R_{YB}	255, 150, 164
Decimal	16750244
CIE _{Lab}	73.38, 40.86, 9.88
CIE _{LCh}	73, 42.038, 13.593
Yxy	45.7530, 0.4046, 0.3146
Android (android.graphics.Color)	4294940324 (0xFFFF96A4)
YUV	182.9910, -9.3626, 63.1519
Hunter-Lab	67.6410, 36.9082, 11.5531

Details

The Yxy color **45.7530, 0.4046, 0.3146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3515, 0.2624, 0.3447**, and the grayscale version is **47.3782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5171, 0.3409, 0.3159**, and **21.4550, 0.4323, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **37.7522, 0.4406, 0.3116**, and if you desaturate by 10%, it is **55.6676, 0.3745, 0.3181**.

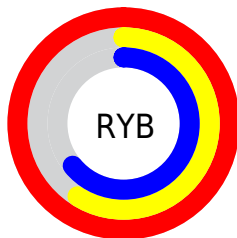
Distribution



Red (100%)

Green (59%)

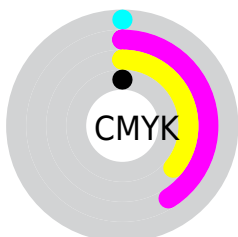
Blue (64%)



Red (100%)

Yellow (59%)

Blue (64%)

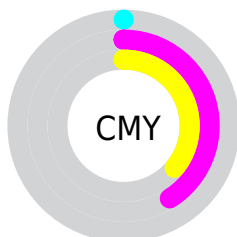


Cyan (0%)

Magenta (41%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7530, 0.4046, 0.3146 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 45.7530, 0.4046, 0.3146 by changing the saturation by 10% instead.


 45.7530, 0.4046,
0.3146

 45.7530, 0.4046,
0.3146


369.8147, 0.3582,
0.3229

 32.0510, 0.4163,
0.3122


 83.8492, 0.3877,
0.3179

 21.4004, 0.4312,
0.3090


 109.0122, 0.3813,
0.3190

 13.4170, 0.4512,
0.3044


138.7642, 0.3760,
0.3199

 7.7163, 0.4788,
0.2975

173.4898, 0.3714,
0.3207

 3.9140, 0.5194,
0.2862

213.5732, 0.3674,
0.3214

 1.6256, 0.5838,
0.2655

259.3989, 0.3639,

 0.3747, 0.7962,

0.3220

0.2038

311.3513, 0.3609,
0.3225

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.7530, 0.4046,
0.3146

45.7530, 0.4046,
0.3146

37.7522, 0.4406,
0.3116

55.6676, 0.3745,
0.3181

31.5352, 0.4821,
0.3098

67.6014, 0.3500,
0.3218

26.9667, 0.5265,
0.3097

81.6603, 0.3302,
0.3253

23.8889, 0.5694,
0.3121

97.9407, 0.3144,
0.3286

■ 22.1128, 0.6047,
0.3170

99.9979, 0.3127,
0.3290

■ 21.3728, 0.6259,
0.3222

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.7530, 0.3518, 0.2746



45.7530, 0.4046, 0.3146



45.7530, 0.4300, 0.3601

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.7530, 0.4046, 0.3146



45.7530, 0.3248, 0.4321



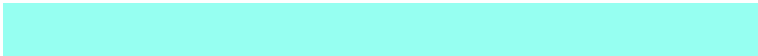
45.7530, 0.2135, 0.2468

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.7530, 0.4046, 0.3146



84.3515, 0.2624, 0.3447

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.7530, 0.2081, 0.2802



45.7530, 0.4046, 0.3146



45.7530, 0.2688, 0.3940

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.7530, 0.4046, 0.3146



45.7530, 0.3804, 0.4327



45.7530, 0.2270, 0.3343



45.7530, 0.2424, 0.2364

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.7530, 0.4046, 0.3146



45.7530, 0.4271, 0.3898



45.7530, 0.2270, 0.3343



45.7530, 0.2090, 0.2553

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.7553, 0.4046, 0.3146



80.4140, 0.3317, 0.3250



47.7369, 0.3058, 0.2238



16.7974, 0.3341, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7553, 0.4046, 0.3146



39.3345, 0.4323, 0.3122



59.6437, 0.4016, 0.3695



18.0264, 0.3273, 0.3259



11.1808, 0.6232, 0.3207



1.1002, 0.5978, 0.3067

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.7553, 0.4046, 0.3146



39.3345, 0.4323, 0.3122



63.0728, 0.2489, 0.2838



18.0264, 0.3273, 0.3259



11.1808, 0.6232, 0.3207



1.1002, 0.5978, 0.3067

Previews

White Background



This preview shows how the Yxy color 45.7530, 0.4046, 0.3146 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 45.7530, 0.4046, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

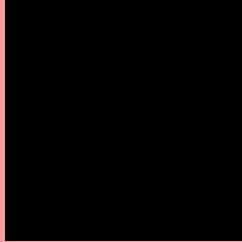
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7530, 0.4046, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 45.7530, 0.4046, 0.3146.



This preview shows how white text looks on a background with the Yxy color 45.7530, 0.4046, 0.3146.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.7530, 0.4046, 0.3146

Protanopia

46.1282, 0.3162, 0.3290

Deuteranopia

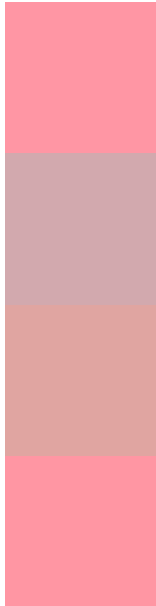
45.9320, 0.3542, 0.3466



Tritanopia

45.6813, 0.4067, 0.3167

Trichromacy



Original Color

45.7530, 0.4046, 0.3146

Protanomaly

45.1336, 0.3464, 0.3230

Deuteranomaly

45.3308, 0.3729, 0.3339

Tritanomaly

45.7170, 0.4056, 0.3156

Monochromacy



Original Color

45.7530, 0.4046, 0.3146

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

45.8157, 0.3433, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7530, 0.4046, 0.3146 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 150, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 150, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 164) }
```

Border

The CSS property to change the border of an element to Yxy 45.7530, 0.4046, 0.3146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 150, 164) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 150, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 150, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 150, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 150, 164); box-shadow:4px 4px 4px 4px rgb(255, 150, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7530, 0.4046, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
150, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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